Elabscience®

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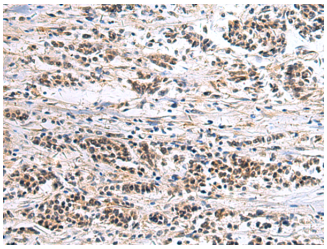
CLCN7 Polyclonal Antibody

Catalog No.	E-AB-52548	**Reactivity**	H,M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	IHC,ELISA	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using CLCN7 Polyclonal Antibody at dilution of 1:105(×200)

Immunogen Information

Immunogen	Fusion protein of human CLCN7
Gene Accession	BC012737
Swissprot	P51798
Synonyms	Chloride channel protein 7,CLC 7,ClC-7,ClC7,CLCN 7,CLCN7,FLJ26686,FLJ39644,FLJ46423,H(+)/Cl(-) exchange transporter 7,OPTA2,OPTB4

Product Information

Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	IHC 1:50-1:100, ELISA 1:5000-1:10000

Background

The product of this gene belongs to the CLC chloride channel family of proteins. Chloride channels play important roles in the plasma membrane and in intracellular organelles. This gene encodes chloride channel 7. Defects in this gene are the cause of osteopetrosis autosomal recessive type 4 (OPTB4), also called infantile malignant osteopetrosis type 2 as well as the cause of autosomal dominant osteopetrosis type 2 (OPTA2), also called autosomal dominant Albers-Schonberg disease or marble disease autosoml dominant. Osteopetrosis is a rare genetic disease characterized by abnormally dense bone, due to defective resorption of immature bone. OPTA2 is the most common form of osteopetrosis, occurring in adolescence or adulthood.